



蘇柏丞 Fossum Su



+0981-933963



811 高雄市楠梓區楠梓路78號



fossum2523@gmail.com



<https://github.com/Fossum2523>

SKILLS

Programming Language

- Verilog (10 / 10)
- C (10 / 10)
- Python (8 / 10)
- Assembly Language (6 / 10)

English Ability

- TOEIC 675

TOOLS

- Design Compiler (10 / 10)
- IC Compiler (10 / 10)
- Vivado (7 / 10)
- VCS (5 / 10)
- Verdi (5 / 10)
- NC-Verilog (5 / 10)

CERTIFICATIONS

- TSRI Logic Synthesis with **Design Compiler**
- TSRI Cell-Based IC Physical Design and Verification with **IC Compiler**

EDUCATION

Masters of Electronic Engineering

National Taiwan University of Science and Technology
| 2023/09-now

Bachelor of Electronic Engineering

National Taiwan University of Science and Technology
| 2019/09-2023/06

COURSES

- FPGA System Design (A+)
- VLSI Systems Design (A+)
- SOC Design Laboratory (A+)
- Analysis and Design of Digital Integrated Circuits
- Advanced Computer Algorithms
- Advanced Digital Signal Processing

LEARNING EXPERIENCE

- **IC Contest Practice**
 - Laser Treatment
 - Job Assignment Machine
 - Geofence
 - String Matching Engine
 - Image Convolutional Circuit Design
- Design and Implementation of **FFT Based-on Cordic(TSRI Educational Chip)**
- Implementaion of Embodied **Recognition Blood Pressure Monitor Based-on ECG**
- Implementation of **16-bit RISC Computer**
- Design and Implementation of **Hardware Accelerator and UART Based-on Caravel SOC**